



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

John A. Volpe
National Transportation
Systems Center

Kendall Square
Cambridge, Massachusetts 02142

July 17, 2000

US EPA - Region 8
Attention, Mr. Paul Peronard, OSC
999 18th Street, Suite 500 8EPR-ER
Denver, CO 80202-2466

PAER/BF
PROGRAM

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RECEIVED

Subject: Libby Emergency Response - Funding Summary & Budget Estimate (Revision 4)

Dear Paul:

The purpose of this correspondence is to update you regarding the Volpe Center's on-going environmental assessment and time-critical removal tasks and the associated funding requirements for the Libby Asbestos Project. For your convenience, we have utilized the same cost format that has been previously submitted by the Volpe Center for the Libby, Montana site. With respect to committed costs, to date we have completed the following major activities:

- Phase I and II environmental assessment,
- Analytical activities, evaluations and studies associated with analysis of various media, for the Phase I & II Assessments,
- Rapid Response to requests for air monitoring support,
- Engineering design for the temporary medical screening facility site,
- Site construction for the temporary medical screening facility site,
- Planning tasks for time-critical removal actions at the Screening and Export Plants,
- Assistance to the USGS,
- Initial mobilization for the time-critical removal action at the Screening Plant, and
- Other related logistics activities (e.g., relocation of residents).

All of these tasks have been completed within the latest budget estimate.

In preparation for initiation of the time-critical removal action (and related activities) at the Screening Plant we have conducted a thorough analysis of the current budget situation (Attachments A through H). We have estimated costs for the various required tasks to the extent practicable based upon direction and details provided by you either verbally or in writing. Based

upon our analysis, we estimate that an additional increment of \$2.7 M is necessary. This increment is divided among the existing Volpe tasks as follows:

- Screening Plant - Time Critical Removal Action - \$2.55M
- Environmental Assessment - \$136K

The majority of the additional required funding is associated with our budgetary estimate for the time-critical removal actions mentioned previously. The Volpe Center/EPA IAG is currently fully authorized, therefore, this additional funding requires channeling through the IAG modification process. This process typically takes approximately 2 weeks to complete and should therefore occur as expeditiously as possible so as not to impact planned procurements.

We look forward to continuing our exceptional support to the EPA on this project and require your direction. At your earliest convenience, please contact me at 617-494-2574 so that we can discuss the funding for the activities described above.

Very truly yours,

JOHN A. VOLPE NATIONAL TRANSPORTATION SYSTEMS CENTER



John P. McGuiggin, P.E.
Project Manager

Cc: Mr. Steve Hawthorn, 8EPR-ER, Manager
Mr. Mike Zimmerman, 8EPR-ER Project Officer
Mr. Duc Nguyen, 8EPR-ER, OSC
Glenn Goulet, Program Manager
File/Libby

Attachments (8)

Libby Funding Summary

FUNDING AUTHORIZED	\$4,793,000	A	
COMMITTED (as of 5/31/00):	\$2,693,189	B	See details on next page.
Volpe Engineering & Project Management	\$164,813		
Volpe Travel	\$20,889		
Volpe Supplies & Other (Safety/Store Front/FED EX)	\$2,658		
Storefront Computer/Medical Equipment	\$106,181		
Volpe Administrative Assistance (FOIA, Cost Recovery)	\$5,027		
Consultant (CDM)	\$2,092,338		
Remediation Contractor (MARCOR)	\$135,678		
CAG Facilitator	\$2,416		
Surveyor	\$5,107		
Birk Construction (Temp. Facilities)	\$97,147		
Site Security Contractor	\$39,118		
Parker Relocation	\$21,819		
T & D Contractor	\$0		
Topsoil & Fill	\$0		
UNCOMMITTED	\$2,099,811	C = A - B	
EST. VOLPE PROF, EQUIP & CONTING. COST (6/1/00 through 11/30/00)	\$931,166	D	See details on next page.
ESTIMATED CONSULT/CONT COST (6/1/00 through 11/30/00)	\$3,854,249	E	See details on next page.
EST. ADDITIONAL AUTHORIZATION REQUIRED (as of 6/1/00)	\$2,685,605	E+D-C	

Libby Budget Estimate Summary

<u>Description</u>	<u>Estimated Cost</u>	<u>Notes</u>
Volpe:	\$550,809	A See Details, Attachments C through H
- Volpe Engineering, Proj Mngmt, Const/Remed. Oversight	\$439,813	
- Volpe Travel	\$88,969	
- Accounting/Admin. Record Support	\$22,027	
Equipment/Supplies:	\$139,238	B See Details, Attachments C through H
- Equipment/Supplies/Computer/Other	\$139,238	
Consultants/Contractors:	\$6,229,771	C See Details, Attachments C through H
- Consultant (CDM)	\$2,387,248	
- Remediation Contractor (MARCOR)	\$2,203,696	
- CAG facilitator	\$2,325	
- Surveyor	\$5,107	
- Health Assessment/Facilities (Design, 6 mo. Lease & Maint.)	\$214,520	
- PE Sample Prep, Additional Sample Analysis, Sample Collection	\$150,000	
- 8 Hour Asbestos Awareness Seminar	\$20,500	
- Birk Construction	\$102,077	
- Site Security Contractor	\$40,000	
- Parker Relocation	\$29,300	
- T & D Contractor	\$650,000	
- Topsoil & Fill	\$425,000	
Contingency:	\$558,786	D See Details, Attachments C through H
TOTAL BUDGET ESTIMATE	\$7,478,605	E
AUTHORIZED FUNDING LEVEL	\$4,793,000	F
ADDITIONAL AUTHORIZATION REQUIRED	\$2,685,605	E - F

Libby Funding Summary - Assessment, Engineering, Remediation Planning

NOTES

FUNDING AUTHORIZED	\$2,500,000 A	
COMMITTED (as of 5/31/00):	\$2,262,732 B	
Volpe Engineering & Project Management	\$160,247	
Volpe Travel	\$20,889	
Volpe Supplies & Other (Safety/Store Front/FED EX)	\$2,658	
Storefront Computer/Medical Equipment	\$106,181	
Volpe Administrative Assistance (FOIA, Cost Recovery)	\$5,027	
Consultant (CDM)	\$1,832,588	December Sampling (TO 2), Temp. Facilities Design and Supply (TO 3), March Sampling (TO 4), Removal Action WP, Site Survey, Aerial Photography, PES May Sampling (TO 4 Mod). \$25,291 to be decommitted on TO No. 3.
 Remediation Contractor (MARCOR)	 \$30,474	 Remedial action planning at Loading and Export facilities and assessment of abatement requirements for structure adjacent to hospital. Abatement task order cancelled, funding to be decommitted (\$15,410).
CAG Facilitator	\$2,416	Now subcontracted to CDM.
Surveyor	\$5,107	KSI, Inc. Contract Complete.
Birk Construction (Temp. Facilities)	\$97,147	Actual Contract Price \$95,843 (\$1304 to be decommitted). Funding needed for changed site conditions.
 UNCOMMITTED	 \$237,268 C = A - B	
EST. VOLPE PROF, EQUIP & CONTING. COST (6/1/00 through 11/30/00)	\$278,812 D	See details on next page.
ESTIMATED CONSULT/CONT COST (6/1/00 through 11/30/00)	\$94,007 E	See details on next page.
EST. ADDITIONAL AUTHORIZATION REQUIRED (as of 6/1/00)	\$135,551 E+D-C	

Libby Budget Estimate - Assessment, Engineering, Remediation Planning

<u>Description</u>	<u>Estimated Cost</u>	<u>Notes</u>
Volpe:	\$323,703	A
- Volpe Engineering, Proj Mngmt, Const/Remed. Oversight	\$272,747	Volpe engineering/technical, project management & on-site support 11/29/99 - 11/30/00.
- Volpe Travel	\$39,929	Estimated cost for travel to Libby and for other travel directly related to the project. Estimate is for the period 11/29/00 through 11/30/00.
- Accounting/Admin. Record Support	\$11,027	Support to pull together information related to FOIA requests and to maintain strict cost and administrative documentation for cost recovery purposes.
Equipment/Supplies:	\$130,838	B
- Equipment/Supplies/Computer/Other	\$130,838	Radiological, Pulmonary & Radiograph. Viewer. Also includes supplies and minor services for the storefront, training and other environmental assessment tasks. \$20000 budgeted for additional computer equipment and contingency for second radiographic viewer.
Consultants/Contractors:	\$2,061,738	C
- Phase I Assessment	\$503,730	
- Phase II Assessment, Remedial Planning, Survey, Mapping, May Sampling (PES)	\$1,063,768	Includes Removal Action WP support, aerial photos, site survey, PES May Sampling, additional analytical support (PE Eval, USGS assist.).
- PE Sample Prep, Additional Sample Analysis, Sample Collection	\$150,000	Budgetary Estimate.
- 8 Hour Asbestos Awareness Seminar. Future 40-Hour Class.	\$20,500	Budgetary Estimate.
- CAG facilitator	\$2,325	
- Surveyor (KSI Inc.)	\$5,107	
- Health Assessment/Facilities (Design, 6 mo. Lease & Maint.)	\$214,520	Actual CDM proposed cost for design, installation, maintenance & lease of temporary facilities. Includes additional funding for design change at 95% complete stage. Also includes \$5000 for maintenance of facilities.
- Birk Construction	\$102,077	Actual cost plus additional estimate of \$6,000 for changed site conditions.
- Remediation Contractor (MARCOR)	(\$15,410)	Remediate asbestos in structures to be demolished by hospital.
- Remediation Contractor (MARCOR)	\$15,123	Site Visit & Remedial Action Planning.
Contingency:	\$119,272	D 5% contingency.
TOTAL BUDGET ESTIMATE	\$2,635,551	E
AUTHORIZED FUNDING LEVEL	\$2,500,000	F
ADDITIONAL AUTHORIZATION REQUIRED	\$135,551	E - F

Libby Funding Summary - Screening Plant

FUNDING AUTHORIZED	\$2,093,000 A	<u>NOTES</u>
COMMITTED (as of 5/31/00):	\$430,457 B	
Volpe Engineering & Project Management	\$4,566	
Volpe Travel	\$0	
Volpe Supplies & Other (Safety/Store Front/FED EX)	\$0	
Volpe Administrative Assist. (FOIA, Cost Rec., Admin. Rec.)	\$0	
Consultant (CDM) - Design & Oversight	\$259,750	Engineering Design, Archeologist, Air Monitoring, Mobile Laboratory and associated costs.
Remediation Contractor (MARCOR)	\$105,204	Remedial action planning at Loading and Export facilities and assessment of abatement requirements for structure adjacent to hospital. Government Estimate.
Site Security	\$39,118	
Parker Relocation	\$21,819	
T & D	\$0	
Topsoil and Clean Fill	\$0	
UNCOMMITTED	\$1,662,543 C = A - B	
EST. VOLPE PROF, EQUIP & CONTING. COST (6/1/00 through 9/30/00)	\$580,454 D	See details on next page.
ESTIMATED CONSULT/CONT COST (6/1/00 through 9/30/00)	\$3,632,142 E	See details on next page.
EST. ADDITIONAL AUTHORIZATION REQUIRED (as of 6/1/00)	\$2,550,054 E+D-C	

Libby Budget Estimate - Screening Plant

<u>Description</u>	<u>Estimated Cost</u>	<u>Notes</u>
Volpe:	\$156,106	A
- Volpe Engineering, Proj Mngmt, Const/Remed. Oversight	\$117,066	Volpe engineering/technical, project management & on-site support 5/1/00 - 11/30/00.
- Volpe Travel	\$34,040	Estimated cost for travel to Libby and for other travel directly related to the project. Estimate is for the period 5/1/00 through 11/30/00.
- Accounting/Admin. Record Support	\$5,000	Support to pull together information related to FOIA requests and to maintain strict cost documentation for cost recovery purposes.
Equipment/Supplies:	\$7,500	B
- Equipment/Supplies/Communications/Other	\$7,500	
Consultants/Contractors:	\$4,058,034	C
- Consultant (Sampling, Air Mon., Lab., Archael., Design)	\$709,750	Two months of air monitoring oversight, sampling support, laboratory support, removal design and surveying services. Includes \$150,000 for Archaeological Investigation.
- Remediation Contractor (MARCOR)	\$2,203,984	Current estimate for remedition. Estimate does not include management of waste at the mine or disposal of contaminated items to an off-Site facility.
- Site Security	\$40,000	Security estimate through September 2000.
- Parker Relocation	\$29,300	Current Cost. Cost likely to increase as contaminated items are identified.
- T & D	\$650,000	Budget Estimate. Per discussion with OSC, Volpe to award 8(a) SDB contract if pricing is appropriate.T & D Services, On-Site (8 Dump Trucks w/ Drivers for 15 weeks, 10 Dump Trucks for 7.5 weeks)
- Topsoil & Cleanfill	\$425,000	Budget Estimate. 65,000 Tons of Fill and 28,000 Tons of Topsoil.
Contingency:	\$421,414	D
		10% Contingency. \$100K to be placed in change order Task Order.
TOTAL BUDGET ESTIMATE	\$4,643,054	E
AUTHORIZED FUNDING LEVEL	\$2,093,000	F
ADDITIONAL AUTHORIZATION REQUIRED	\$2,550,054	E - F

Libby Funding Summary

NOTES

FUNDING AUTHORIZED	\$200,000	A	
COMMITTED (as of 5/31/00):	\$0	B	
Volpe Engineering & Project Management	\$0		
Volpe Travel	\$0		
Volpe Supplies & Other (Safety/Store Front/FED EX)	\$0		
Volpe Administrative Assistance (FOIA, Cost Recovery)	\$0		
Consultant (CDM)	\$0		
UNCOMMITTED	\$200,000	C = A - B	
EST. VOLPE PROF, EQUIP & CONTING. COST (6/1/00 through 11/30/00)	\$71,900	D	See details on next page.
ESTIMATED CONSULT/CONT COST (6/1/00 through 11/30/00)	\$128,100	E	See details on next page.
EST. ADDITIONAL AUTHORIZATION REQUIRED (as of 6/1/00)	\$0	E+D-C	

Libby Budget Estimate

<u>Description</u>	<u>Estimated Cost</u>	<u>Notes</u>
Volpe:	\$71,000	A
- Volpe Engineering, Proj Mngmt, Const/Remed. Oversight	\$50,000	Volpe engineering/technical, project management & on-site support 5/1/00 - 11/30/00.
- Volpe Travel	\$15,000	Estimated cost for travel to Libby and for other travel directly related to the OU1 part of the Libby Asbestos Project.
- Accounting/Admin. Record Support	\$6,000	Support to pull together information related to FOIA requests and to maintain strict cost and administrative documentation for cost recovery purposes.
Equipment/Supplies:	\$900	B
- Equipment/Supplies/Communications/Other	\$900	
Consultants/Contractors:	\$110,000	C
- Remedial Oversight	\$110,000	Budget Estimate (2 months full-time on-Site coverage).
Contingency:	\$18,100	D
TOTAL BUDGET ESTIMATE	\$200,000	E
AUTHORIZED FUNDING LEVEL	\$200,000	F
ADDITIONAL AUTHORIZATION REQUIRED	\$0	E - F